

VII - Mathematics Assignment No-01 - Perimeter and Area.

- Q1. Find the area and perimeter of a \triangle whose base is 6 cm each equal side is 5 cm and height 4 cm.
- Q2. Find the area and perimeter of an equilateral triangle whose each side is 5 cm.
- Q3. Find the area of a rectangle whose length and breadth are 45 cm and 16 cm respectively. Also, find the perimeter of the rectangle.
- Q4. Find the area and perimeter of a rectangle whose length and breadth are 15.4 cm and 6.5 cm respectively.
- Q5. Find the area of a rectangle which is 30 cm long and 25 cm broad.
- Q6. Find the area of a square whose each side is 2.5 cm. Also find the perimeter.
- Q7. The area of a rectangle is 540 cm^2 . If its length is 27 cm. Find its width also its perimeter.

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- Q8. The area of a rectangle is 650 cm^2 . And one of its side is 13 cm . Find the other side. Also find its perimeter.
- Q9. Find the cost of fencing a rectangular field 34 m long and 18 m wide at 2.50 per metre. What is the cost of cultivating the field at $\text{Rs } 4.25$ per square metre?
- Q10. A room is 9.68 m long and 6.2 m wide. Its floor is to be covered with rectangular tiles of size 22 cm by 10 cm . Find the total cost of the tiles at the rate of $\text{Rs. } 2.75$ per tile.

ANSWERS:

(Q1) 12 cm^2	(Q7) Width = 20 cm ; P = 94 cm
(Q2) $A = \frac{25\sqrt{3}}{4} \text{ cm}^2$; P = 15 cm	(Q8) l = 50 cm ; P = 126 cm
(Q3) $A = 720 \text{ cm}^2$; P = 122 cm	(Q9) Fencing Cost = ₹ 260-00 Cultivating Cost = ₹ 2601-00
(Q4) $A = 100 \cdot 10 \text{ cm}^2$; P = 43.8 cm	Q10 Total Cost = ₹ 7502-00
(Q5) $A = 750 \text{ cm}^2$	
(Q6) $A = 6.25 \text{ cm}^2$; P = 10 cm	